



PATENT  
ATTY. DOCKET NO.: P67358US0

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:

Hyung-Jun KIM

Group Art Unit: 2822

Serial No.: 10/015,757

Examiner: M. Lewis

Filed: December 17, 2001

For: SEMICONDUCTOR DEVICE CAPABLE OF PREVENTING  
CORROSION OF METAL WIRES FROM CMP (CHEMICAL  
MECHANICAL POLISHING) PROCESS

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JAN 27 2003  
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1-29-03  
A.Wall

**AMENDMENT UNDER RULE 1.111**

Assistant Commissioner  
of Patents  
Washington, D.C. 20231

January 22, 2003

Sir:

In response to the Office Action (Paper No. 3) dated October 23, 2002, kindly  
amend the above-identified patent application as follows:

**IN THE SPECIFICATION:**

On page 4, amend the paragraph beginning on line 20 to read as follows:

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--In order to basically prevent the corrosion of the metal wires formed with an Al  
or Cu wire according to the present invention, a dummy pattern, where corrosion can occur  
instead of a main wire pattern, is additionally inserted to a basic wire pattern. When a fine line  
pattern of sub-micron size is connected to a large pad pattern, the fine line pattern is easily  
corroded. This corrosion is a dependence of patterns because the large pad pattern and the fine  
line pattern are formed with the same material. Particularly, when an area ratio of the fine line  
pattern to the overall wire patterns including the fine line pattern and the large pad pattern is low,

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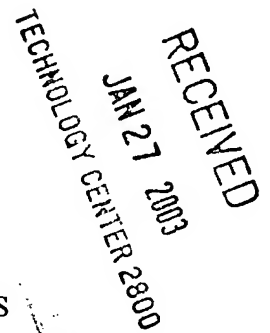
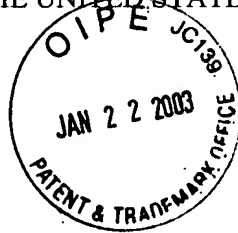
Serial No.: 10/015,757

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For: SEMICONDUCTOR DEVICE CAPABLE OF PREVENTING CORROSION OF  
METAL WIRES FROM CMP (CHEMICAL MECHANICAL POLISHING) PROCESS



TRANSMITTAL

Assistant Commissioner of Patents  
Washington, D.C. 20231

Sir:

Transmitted herewith is an Amendment Under Rule 1.111 for filing in the above-captioned patent application.

The fee has been calculated as shown below:

	Claims Remaining After Amendment	Highest Number Previously Paid For	Present Extra	Small Entity Rate Addit. Fee	(or)	Other Than A Small Entity Rate Addit. Fee
Total	13 -	20 =	0	x 09 = \$		x 18 = \$
Indep.	02 -	03 =	0	x 42 = \$		x 84 = \$
___ First Presentation of Multiple Dependent Claims				+130 = \$		+ 260 = \$
Total Additional Fee				\$		\$

\_\_\_ A check in the amount of \$ \_\_\_ is attached for:

XXXX If a Petition for Extension of Time is necessary and the Petition and/or the check is not enclosed, this will act as the Petition and applicant herewith petitions the Commissioner to extend the time for response and charge any fees necessary under 37 CFR 1.17 (a)(1)-(5) to Deposit Account No. 06-1358. The Commissioner is also authorized to charge payment of any other additional fees associated with this communication or credit any overpayment to Deposit Account No. 06-1358. A duplicate copy of this sheet is attached.

Respectfully submitted,  
JACOBSON HOLMAN PLLC

By: Yoon S. Ham by Signer C Bailey  
Yoon S. Ham  
Reg. No. 45,307  
Reg No. 40,455

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